

IN THE CLAIMS

2. (Amended) The DNA molecule of claim 1 [wherein the INGAP protein] which has the nucleotide sequence shown in SEQ ID NO:1.

10. (Amended) The nucleotide ~~probe~~ of claim 9 wherein the sequence encoding a mammalian INGAP ~~[gene]~~ has the sequence shown in SEQ ID NO:1.

12. (Amended) [A] An isolated DNA molecule comprising at least 30 contiguous nucleotides of a sequence encoding a mammalian islet cell neogenesis associated protein (INGAP), wherein said protein has the sequence shown in SEQ ID NO:2.

13. (Amended) The DNA molecule of claim 12 wherein the sequence encoding the mammalian INGAP ~~[gene]~~ has the sequence shown in SEQ ID NO:1.

17. (Amended) An antisense construct of a mammalian islet cell neogenesis associated protein (INGAP) gene comprising:

a promoter, a terminator, and a nucleotide sequence [consisting of a mammalian INGAP gene, wherein the gene] which encodes all or a portion of a protein as shown in SEQ ID NO:2, said nucleotide sequence being between said promoter and said terminator, said nucleotide sequence being inverted with respect to said promoter, whereby upon expression from said promoter an mRNA complementary to native mammalian INGAP mRNA is produced.

Add new claims 20-29.

20. A vector comprising the DNA of claim 2.

21. A host cell transformed with the vector of claim 20.

22. The DNA molecule of claim 1 which is a cDNA molecule.

23. The DNA molecule of claim 12 which is a cDNA molecule.

